

ABSTRACT OF THE DISCLOSURE

A method and apparatus for providing hypermedia content maintained remotely on a network to a wireless device without a browser are described. A Short Message Service (SMS) request for Internet-based content is received from the wireless device at a proxy server, via an SMS Center (SMSC). The SMS request is transmitted to the SMSC on a wireless network. The proxy server transcodes the SMS request from a character set of the SMSC to a character set of an application and extracts a keyword from the transcoded request. The proxy server maintains a mapping of keywords to URLs. The proxy server looks up the extracted keyword in the keyword-to-URL mapping to identify the URL of an application associated with the keyword. The proxy server constructs an HTTP POST operation containing the keyword and the URL, and submits the HTTP POST operation to the application over a wireline network such as the Internet. Upon receiving an HTTP response containing the requested content from the application in response to the POST operation, the proxy server extracts the content from the HTTP response. The proxy server then translates the content from the content-type used by the application to the content-type used by the SMSC and transcodes the content from the character set used by the application to the character set used by the SMSC. The proxy server then sends the translated and transcoded content in an SMS response to the SMSC, for subsequent delivery to wireless device as an SMS message.